

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20060228226").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 07:42
S12	440	417/212	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/27 15:01
S13	24412	reciprocating and compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/27 15:03
S14	2	(first adj stroke adj estimator) and (second adj stroke adj estimator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/27 15:19
S15	981	phase adj difference adj detector same control\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/27 15:09
S16	1	search\$3 adj coil adj voltage adj detector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/27 15:10
S17	1	counter adj electromotive adj force adj extractor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/27 15:11

## EAST Search History

S18	3907	(voltage adj detector) and (current adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/27 15:12
S19	1895	(motor with compressor) and (control adj apparatus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/27 15:14
S20	1	S13 and S14 and S15 and S16 and S17 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/27 15:15
S21	1	counter adj electromotive adj force adj extractor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/28 10:53
S22	1	counter adj electromotive adj force adj extractor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/28 10:49
S23	1	search\$3 adj coil adj voltage adj detector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/28 10:50
S24	24428	reciprocating and compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 12:03

## EAST Search History

S25	981	phase adj difference adj detector same control\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/28 10:51
S26	3909	(voltage adj detector) and (current adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/28 10:51
S27	1896	(motor with compressor) and (control adj apparatus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/28 10:51
S28	1	S24 and S25 and S26 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/28 10:52
S29	116	(electromotive adj force) and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/28 10:54
S30	981	phase adj difference adj detector same control\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/28 13:47
S31	2	("2004/0071556").URPN.	USPAT	OR	ON	2006/12/28 13:53

## EAST Search History

S32	30	("20020051710"   "20020064462"   "20020064463"   "20020064464"   "20020090304"   "20020093327"   "20020113565"   "20020150477"   "20030026701"   "20030026702"   "20030175125"   "20030177773"   "20030180151"   "20030209015"   "20030218854"   "20040071556"   "5342176"   "6028406"   "6176683"   "6289680"   "6437034"   "6520746"   "6524075"   "6541953"   "6554577"   "6616414"   "6623246"   "6682310"   "6715301"   "6735284").PN. OR ("6815922").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 14:13
S33	30	("20020051710"   "20020064462"   "20020064463"   "20020064464"   "20020090304"   "20020093327"   "20020113565"   "20020150477"   "20030026701"   "20030026702"   "20030175125"   "20030177773"   "20030180151"   "20030209015"   "20030218854"   "20040071556"   "5342176"   "6028406"   "6176683"   "6289680"   "6437034"   "6520746"   "6524075"   "6541953"   "6554577"   "6616414"   "6623246"   "6682310"   "6715301"   "6735284").PN. OR ("6815922").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 13:53
S34	1	("2004/0066163").URPN.	USPAT	OR	ON	2006/12/28 14:15
S35	22	("20020051710"   "20020090304"   "20020093327"   "20020113565"   "20020150477"   "20030026702"   "20030180151"   "20040066163"   "20040071556"   "5342176"   "5658132"   "6028406"   "6176683"   "6289680"   "6520746"   "6524075"   "6537034"   "6541953"   "6554577"   "6616414"   "6623246"   "6682310").PN. OR ("6930462").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 14:05
S36	1	counter adj electromotive adj force adj extractor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/28 14:29

## EAST Search History

S37	662	stroke and estimator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 12:15
S38	3192	stroke and calculator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 12:15
S39	43124	compressor and controller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 09:52
S40	24440	reciprocating and compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 09:40
S41	3911	(voltage adj detector) and (current adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/03 09:40
S42	2856	S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 09:41
S43	26	S41 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 09:42

## EAST Search History

S44	1	S37 and S38 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 09:41
S45	161	(double adj act\$3 ) and (reciprocat\$3 adj compressor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 09:59
S46	71540	piston and stroke and reciproc\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 10:01
S47	912	S39 and S40 and S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 10:02
S48	30	("20020051710"   "20020064462"   "20020064463"   "20020064464"   "20020090304"   "20020093327"   "20020113565"   "20020150477"   "20030026701"   "20030026702"   "20030175125"   "20030177773"   "20030180151"   "20030209015"   "20030218854"   "20040071556"   "5342176"   "6028406"   "6176683"   "6289680"   "6437034"   "6520746"   "6524075"   "6541953"   "6554577"   "6616414"   "6623246"   "6682310"   "6715301"   "6735284").PN. OR ("6815922"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:31
S49	2	"20040066163"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 11:38
S50	1	("2004/0066163").URPN.	USPAT	OR	ON	2007/01/03 11:39

## EAST Search History

S51	22	("20020051710"   "20020090304"   "20020093327"   "20020113565"   "20020150477"   "20030026702"   "20030180151"   "20040066163"   "20040071556"   "5342176"   "5658132"   "6028406"   "6176683"   "6289680"   "6520746"   "6524075"   "6537034"   "6541953"   "6554577"   "6616414"   "6623246"   "6682310").PN. OR ("6930462").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 11:40
S52	24440	reciprocating and compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 12:04
S53	3911	(voltage adj detector) and (current adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/03 12:04
S54	1897	(motor with compressor) and (control adj apparatus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/03 12:22
S55	116	(electromotive adj force) and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/03 12:04
S56	6	S53 and S54 and S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 12:04

## EAST Search History

S57	189703	compressor and contro\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 07:50
S58	3231892	stroke and estimat\$3 or detec\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 07:47
S59	445405	voltage and current and detec\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 07:48
S60	14510	back and electromotive and force	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 07:48
S61	229	S57 and S58 and S59 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 08:13
S62	52544	S57 and apparatus and method	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 07:49
S63	124	S58 and S59 and S60 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 07:51



## EAST Search History

S64	230	(318/119).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 10:09
S65	268	(318/459).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 10:28
S66	2	(counter adj electromotive adj force) and (coil adj voltage adj detect\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 10:36
S67	2401	stroke adj (detect\$2 or calculat\$2 or estimat\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:38
S68	9145	reciprocat\$3 adj (compressor or motor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 10:32
S69	3	(voltage adj sens\$2) and (force adj extrac\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 10:55
S70	293	coil near voltage near sens\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 10:41

## EAST Search History

S71	47	S67 and S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 10:41
S72	2	(counter adj emf) and (stroke adj detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:42